

Cooperative Extension Service

**CTAHR**College of Tropical Agriculture & Human Resources
University of Hawaii at Manoa**New Plants for Hawaii**
Dendrobium Cultivar Release 5
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***Dendrobium* Winifred Ogata, UH1371**

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Dendrobium Winifred Ogata (*D. Caesar* 4N x *D. Joanna Mesina* 4N), UH1371 is the third seed-propagated potted plant cultivar developed at the University of Hawaii with amphidiploid *D. Caesar* as one parent. *Dendrobium* Lim Chong Min, UH1382 (*D. Caesar* 4N x *D. phalaenopsis* var. *compactum*) was released in 1995, and *D. Lorrie Mortimer* (*D. Caesar* 4N x *D. Samarai* 4N) was released in 1998.

Amphidiploid *D. Caesar* was crossed to *D. Joanna Mesina* on September 9, 1989. Seeds were germinated on January 8, 1990, and the offspring began to flower about 30 months later. The flowers are two-tone lavender with darker coloration toward the extremities of both sepals and petals.

The attributes of *D. Winifred Ogata*, UH1371, are attractive two-tone lavender flowers measuring 3½ inches, relatively uniform offspring, flowering throughout the year but with peak flowering during fall and early winter (see chart), and exceptionally long half-life of flowers on plants (85 days). The half-life of sprays is the number of days before half of the flowers wilt or drop. The long life of its flowers makes *D. Winifred Ogata* ideal for use in interiorscaping. In addition, individual flowers can be used for leis. Because of the large flower size, only 45 are needed for a single lei.

The hybrid *D. Caesar* 4N x *D. Joanna Mesina* 4N was named *D. Winifred Ogata* and registered with the International Orchid Registrar. Seed pods of this new hybrid have been released to dendrobium orchid growers' associations in Hawaii.



Characteristics of *Dendrobium* Winifred Ogata

(linear measurements in inches)

Scape length	6.7	±	1.3
Raceme length	15.2	±	2.6
Flower width	3.4	±	0.2
Flower length	2.6	±	0.2
Petal length	2.0	±	0.1
Petal width	1.3	±	0.1
Dorsal sepal length	1.6	±	0.9
Dorsal sepal width	0.6		
No. flowers per spray	9.8	±	1.7
Percent bud drop	3.9	±	5.2
Half-life of sprays on plant (days)	84.8	±	4.6
Pseudobulb height at first flower	13.6	±	0.3
Pseudobulb height, final	26.6	±	4.2

Monthly spray yield of *D. Winifred Ogata*

